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ATTY. DOCKET NO. 10271-037-999	APPLICATION NO. 10/015,085
APPLICANT Langermann et al.	CONFIRMATION NO. 9514
FILING DATE December 10, 2001	GROUP 1645

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NE	AA	4,882,425	11/21/89	Hull et al.	530	396	
NE	AB	4,971,794	11/20/90	Linggood et al.	424/92		
NE	AC	09/298,494	04/23/99	Langermann et al.			
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NE	AF	09/616,702	07/14/00	Hultgren et al.			
NE	AG	6,103,243	08/15/00	Russell-Jones et al.	424	185.11	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
NE	AH	WO 95/14028	05/26/95	PCT				
NE	AI	WO 95/20657	08/03/95	PCT				
NE	AJ	WO 01/04148	01/18/01	PCT				
NE	AK	WO 01/10386	02/15/01	PCT				

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NE	AL	Abraham et al., 1985, "Protection against Escherichia coli-induced urinary tract infections with Hybridoma antibodies directed against type I Fimbriae of complementary D-mannose receptors" *Infect. and Immunity* 48: 625-628
NE	AM	Chapman et al., 1999, "Structural and functional significance of the FGL sequence of the periplasmic chaperone Caf1M of Yersinia pestis" *J. Bacteriol.* 181(8):2422-2429
NE	AN	Choudhury et al., 1999, "X-ray structure of the FimC-FimH chaperone-adhesin complex from uropathogenic Escherichia coli" *Science* 285(5430):1061-6
NE	AO	Dodson et al., 1993, "Outer-membrane PapC molecular usher discriminately recognizes periplasmic chaperone-pilus subunit complexes" *PNAS* 90:3670-3674
NE	AP	Flemmer et al., 1995, "Peptides inhibit complexation of the bacterial chaperone PapD and reveal potential to block assembly of virulence associated pili" *Bioorg. Med. Chem. Lett.* 5(9):927-932
NE	AQ	Hultgren et al., 1989, "The PapG adhesin of uropathogenic Escherichia coli contains separate regions for receptor binding and for the incorporation into the pilus" *PNAS* 86(12):4357-61
NE	AR	Hultgren et al., 1990, "Mannose-sensitive haemagglutination in the absence of palliation in Escherichia coli" *Mol. Microbiol.* 4:1311-8
NE	AS	Hung et al., 1996, "Molecular basis of two subfamilies of immunoglobulin-like chaperones" *EMBO J.* 15(15):3792-805
NE	AT	Jones et al., 1993, "FimC is a periplasmic PapD-like chaperone that directs assembly of type 1 pili in bacteria" *PNAS* 90(18):8397-401

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AU	Knight et al., 1997, "Crystalization and preliminary x-ray diffraction studies of the FimC-FimH chaperone-adhesin complex from Escherichia coli" *Acta Cryst.* D53:207
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AW	Langermann et al., 1996, "New approaches to mucosal immunization" *Semin Gastrointest Dis.* 7(1):12-8
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AY	Madison et al., 1990, "Structural, Antigenic and Functional Analysis of FimH Protein in Escherichia coli and Klebsiella pneumoniae Type I Fimbriae: A Dissertation Presented to the Graduate Studies Council" The University of Tennessee, Memphis.
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BA	O'Hanley et al., 1985, "Molecular Basis of escherichia coli colonization of the upper urinary tract in BALB/c mice" *J. Clin. Invest.* 75: 347-60
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BG	Service et al., 1994, "Triggering the first line of defense" *Science* 265(5178):1522-4
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BI	Sokurenko et al., 1997, "Diversity of the Escherichia coli type 1 fimbriae lectin. Differential binding to mannosides and uroepithelial cells" *J. Biol. Chem.* 272:17880-6
BJ	Sokurenko et al., 1998, "Pathogenic adaptation of Escherichia coli by natural variation of the FimH adhesin" *PNAS* 95:8922-6
BK	Soto et al., 1998, "Periplasmic chaperone recognition motif of subunits mediates quaternary interactions in the pilus" *EMBO J.* 17(21):6155-6167
BL	Striker et al., 1994, "Stable fiber-forming and nonfiber-forming chaperone-subunit complexes in pilus biogenesis" *J. Biol. Chem.* 269(16):12233-12239
BM	Tewari et al., 1993, "Neutrophil Activation by Nascent FimH Subunits of Type 1 Fimbriae Purified from the Perimplasm of Escherichia coli" *J. Biol. Chem.* 268: 3009-3015
BN	Thankavel et al., 1997, "Localization of a domain in the FimH adhesin of Escherichia coli type 1 fimbriae capable of receptor recognition and use of a domain-specific antibody to confer protection against experimental urinary tract infection" *J. Clinical Investigation* 100:1123-1136
BO	Wilson et al., 1984, "The structure of an antigenic determinant in a protein" *Cell* 37(3):767-78
BP	Wizemann et al., 1999, "Adhesins as targets for vaccine development" *Emerg. Infect. Dis.* 5(3):395-403
BQ	Wu and Wu, 1987, "Receptor-mediated in vitro gene transformation by a soluble DNA carrier system" *J Biol Chem.* 262(10):4429-32

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	BR	www.ncbi.nlm.nih.gov. Citation is incorrect. Need Name of data base accession number, date submitted of author. S66545, "Fimbrial protein fimH precursor, type 1 - Escherichia coli" (Klemm and Christiansen)
	BS	www.ncbi.nlm.nih.gov. 87500, "E.coli type 1 Fimbriae, genes fimB, fimE, fimA, fimI, fimC" (Marc)

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

NE	BT	Langermann et al., 2001, "Vaccination Utilizing the FimCH Complex as a Strategy to Prevent *Escherichia coli* Urinary Tract Infections", *J. of Infectious Diseases* 183(Suppl. 1): S84-6. ✓
NE	BU	Schembri et al., 2001, "Molecular Characterization of the Escherichia coli FimH Adhesin", *J. of Infectious Diseases* 183(Suppl. 1): S28-31. ✓
NE	BV	Schilling et al., 2001, "Structure and Function of *Escherichia coli* Type 1 Pili: New Insight into the Pathogenesis of Urinary Tract Infections", *J. of Infectious Diseases* 183(Suppl. 1):S36-40. ✓
NE	BW	Uehling et al., 2001, "Vaginal Mucosal Immunization for Recurrent Urinary Tract Infection: Extended Phase II Clinical Trial", *J. of Infectious Diseases* 183(Suppl. 1):S81-3.

EXAMINER N Tied 11/30/04	**DATE CONSIDERED**

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